

## ABSTRACT

A power supply system includes a power line for supplying power from a distributed power source to a load upon interruption of electric service from a power system, the load being supplied with power from the power system at normal times; a first switch for connecting the load with the power system at normal times and disconnecting them upon interruption of electric service; and a second switch for connecting the load with the power line upon interruption of electric service and disconnecting them at normal times. Thus, upon interruption of the service, it is possible to use the distributed power source and stably supply power to the load.